

VISIT...

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Heradesign[®] micro plus

2-layer, magnesite bonded, wood wool decorative panel with fine pored surface and glued-on rock wool layer.

Product Type

Heradesign[®] micro plus,
Heralan stone wool,

WW - EN 13168 - L3-W2-T2-S3-P2-CS(10)200-CI3

MW - EN 13162 - T4-DS(T+)-TR1-WS-WL(P)

Advantages

- Heralan stone wool: non-combustible, A1 accord. to EN 133501-1
- high thermal insulation
- stable surface
- easy to work with

Application

- Basements, underground and multi storey car parks, multi purpose buildings, industrial halls.

Formats

- 1200 x 600 mm; edge design: AK-01

Colours

- We recommend white (similar RAL 9010) or natural tone 13 (beige)

Note:

- Deviations in colour tone against colour chart and colour feeling are possible due to the rough fibre rep. panel surface.
- Maximum change of dimensions at standard operating environment 23 °C/50 % rel. air humidity max: $\pm 1 \text{ ‰}$
- Fixing to solid concrete slabs with Heraklith DDS concrete screws or Heraklith DM R stainless steel dowel, minimum 2 or 5 pieces per panel

Limit of use:

- Max. span 600 mm
- Suitable for use in environments having a continuous rel. air humidity of up to 90 %. For conditions above 80 % rel. air humidity constructional physics advise is necessary.
- Do not glue panels against ceilings and walls!

Delivery programme

Thickness	[mm]	100	125
Ply construction micro plus	[mm]	25	25
Heralan	[mm]	75	100
Weight	[kg/m ²]	21,0	23,0
Format	[mm]	1200 x 600	

Delivery form: palleted, with protective carton. Supplied only in complete packaging units!

Technical specifications

Characteristic	Symbol	Description/Data		Unit	Standard
Fire behavior of <i>micro plus</i> Fire behavior of <i>Heralan</i>	---	B-s1, d0 A1		[---]	ÖN EN 13501-1
Thickness	d	100	125	[mm]	ÖN EN 13168
Thermal conductivity of: <i>micro plus</i>	λ_D	0,095	0,095	[W/mK]	ÖN EN 12667
Thermal conductivity of: <i>Heralan DP-9</i>		0,037	0,037		
Thermal resistance	R_D	2,25	2,95	[m ² K/W]	ÖN EN 13168
Flexural strength <i>micro plus</i> *)	σ_b	>2000	>2000	[kPa]	ÖN EN 12089
Diffusion resistance value <i>micro plus</i> Diffusion resistance value of <i>Heralan</i>	μ	5 1	5 1	[---]	ÖN EN 12086

*) According procedure A of EN 12089

Sound absorption values α_p

Frequency (Hz)	125	250	500	1000	2000	4000	NRC	α_w
Heradesign® micro plus, 25 mm + 105 mm Heralan Stone wool								
Without gap	0,47	0,40	0,35	0,29	0,29	0,33	0,35	0,35(L)

Figures for other designs on request

The installation of Heradesign panels is part of the interior works and have to be carried out under controlled humidity and temperature conditions. Any buildings activities which gives rise to dust and humidity have to be completed before starting installation of panels.

Store panels flat and protect against humidity and dirt. Stack a maximum of two pallets, height maximum 250 cm. The packaging provided does not provide protection from rain.

Please pay attention to the application, installation and storage guidelines of Heradesign elements.

For further information, please contact:

Heradesign Ceilings Division
 A business unit of Knauf Insulation GmbH
 A – 9702 Ferndorf 29
 Phone: +43/4245-2001 3332
 Fax: +43/4245-2001 3056
 d.klammer@heradesign.at

The present product data sheet corresponds with the current state of development of our products and will cease to be valid on publication of a new edition. Please check that you are using the latest edition of this information. The suitability of the product is not binding for special individual cases. Warranty and liability shall be in accordance with our Standard Terms of Business.

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